

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: N-2231-8-1

EXPIRATION DATE: 9/30/99

EQUIPMENT DESCRIPTION:

INTERIOR & EXTERIOR SIDE SEAM CAN COATING LINE CONSISTING OF A SOUDRONIC FBB 5501R BODY MAKER, SPRAYING SYSTEMS SPRAY APPLICATORS, FLYNN 9M CURING OVEN (0.6 MMBTU/HR), AND VIDEOJET SYSTEMS #3 PRINTER (LINE #8).

Permit Unit Requirements

1. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
2. Operator shall maintain and have available during an inspection, a current list of coatings in use providing all of coating data necessary to evaluate compliance including the following information as applicable: 1) specific coatings, catalysts, and reducers used, 2) mix ratio of components used, 3) VOC content of each coating, as applied, and 4) VOC content of each solvent used for clean up and surface preparation. [District Rule 4604, 6.1.1] Federally Enforceable Through Title V Permit
3. Records shall be maintained on a daily basis including the following information: 1) specific coating used and mix ratio of components added to the coating material prior to application, 2) volume of coating applied (gallons), 3) specific solvents used, and 4) volume of each solvent used for cleanup and surface preparation (gallons). [District Rule 4604, 6.1.2] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201, 3.1; County Rules 402 (Madera) and 404 (Kings, Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions shall not exceed 0.2% by volume calculated as SO₂ averaged over 15 minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kern, Kings, Merced, San Joaquin, and Stanislaus)] Federally Enforceable Through Title V Permit
6. Curing ovens shall be induction heated or fired on either PUC-regulated natural gas with a sulfur content of 0.017% by weight or less; or propane with a sulfur content 0.019% by weight or less. When firing on propane, compliance with fuel sulfur content limit may be demonstrated by maintaining supplier certification of fuel sulfur content; or by fuel analysis for sulfur content. The source shall maintain on file copies of all natural gas and propane bills and records of supplier certifications. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
7. When complying with sulfur emission limit by propane fuel analysis, each shipment of propane fuel must be analyzed within the preceding 12 months prior to being fired in the curing oven. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
8. Propane fuel sulfur content analysis shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

9. VOC content of coating(s), as applied, and of solvents used for cleanup and surface preparation shall be determined by EPA Method 24 and analysis of halogenated exempt compounds shall be determined by ARB Method 432 on an annual basis. If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.4.2 and 4604, 6.2.1] Federally Enforceable Through Title V Permit

10. All records of required monitoring data and support information shall be maintained for at least five years. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit

11. No two-piece beverage can surface coating unit which may be part of this permit unit shall be used in soft drink or beer (including malt liquor) can manufacturing operations. This prohibition does not apply to coating of containers in which fruit or vegetable juices are packaged. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit

12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: County Rules 402, B.1 (Madera), 404 (Kings, Merced, Kern, Tulare, San Joaquin, Stanislaus, and Fresno), 404 (Madera) for curing oven fuel emissions only, 406 (Fresno) for curing oven fuel emissions only, and 407 (Kern, Kings, Merced, San Joaquin, Stanislaus, and Tulare) for curing oven fuel emissions only. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of SJVUAPCD Rules 4201 (as amended December 17, 1992) for curing oven emissions only and 4604 (as amended December 17, 1992), formerly District Rule 460.4. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

14. The requirements of District Rule 4661 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

15. The requirements of 40 CFR 60 Subparts TT and WW do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

16. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

17. A three-stage 3 micron filter system shall be installed in the exhaust stack which vents the side seam stripe coating spray applicators. The exhaust filter system shall be properly maintained at all times. [District NSR Rule] Federally Enforceable Through Title V Permit

18. VOC emissions from the use of all VOC containing materials used in the side seam stripe can coating line shall not exceed 98.2 pounds in any day. [District NSR Rule] Federally Enforceable Through Title V Permit

19. The combined VOC emissions (including those for side seam spray material and cleanup solvents) from all manufacturing lines shall not exceed 308 pounds in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit

20. Emissions from the combustion of natural gas shall not exceed 0.012 lbs/MMBtu for PM₁₀, 0.0006 lbs/MMBtu for SO_x, 0.1 lbs/MMBtu for NO_x, 0.021 lbs/MMBtu for CO, and 0.0053 lbs/MMBtu for VOC. [District NSR Rule] Federally Enforceable Through Title V Permit

21. All coatings and solvents shall be stored in closed containers. [District NSR Rule] Federally Enforceable Through Title V Permit